

## BLADE AND NOZZLE DIMENSIONS

B (fig. 7). It will be seen, however, that maximum efficiency attainable with the velocity compounded wheel is not as high as for the simple impulse stage, and consequently where the highest possible blading efficiency is aimed at a turbine composed entirely of simple velocity stages is frequently adopted.

For many conditions, however, the two-row wheel has considerable practical advantages, since with a ratio of  $r = 0.23$  instead of 0.46 in the case of a single-row wheel, the amount of heat utilized per stage is four times

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